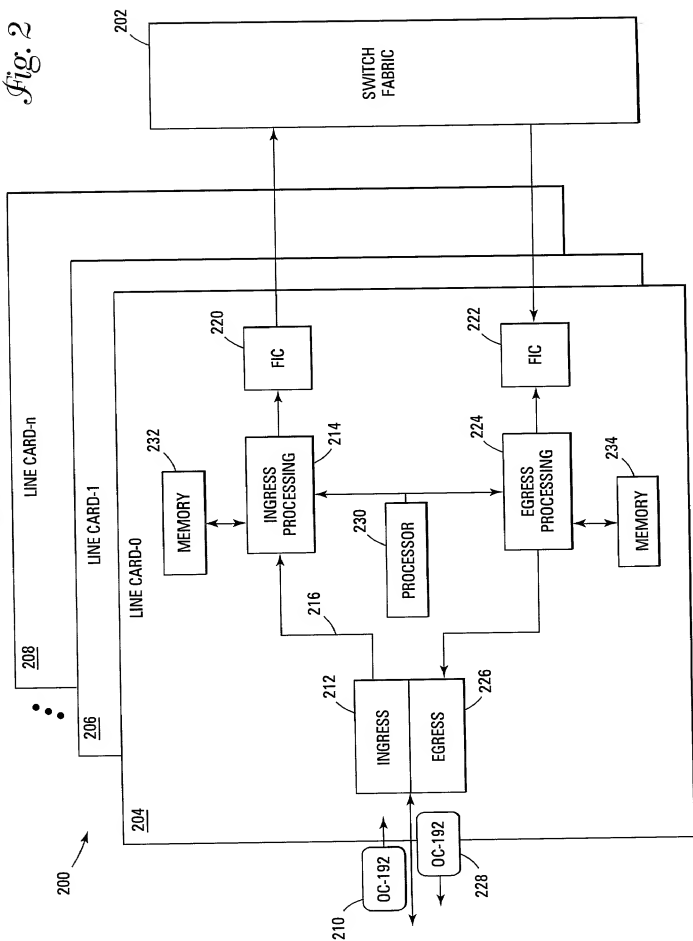


Fig. 1

Fig. 2



300

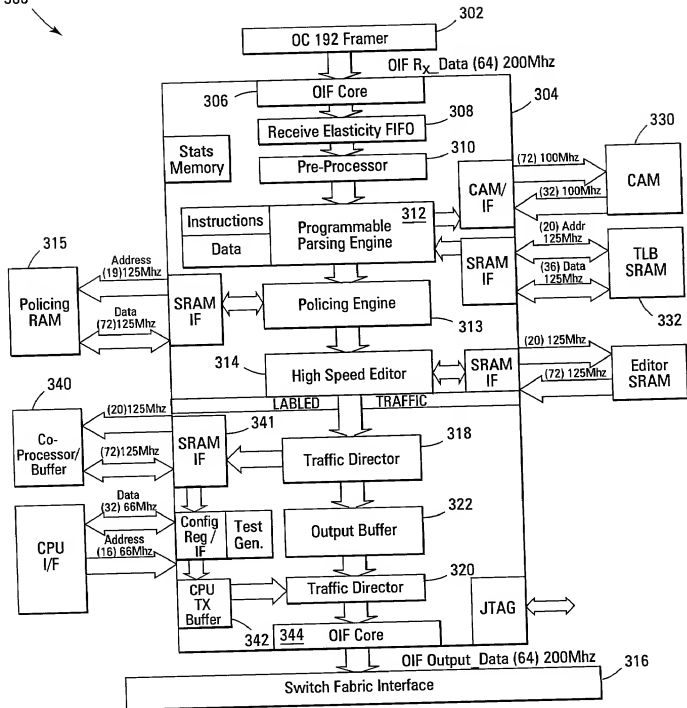


Fig. 3

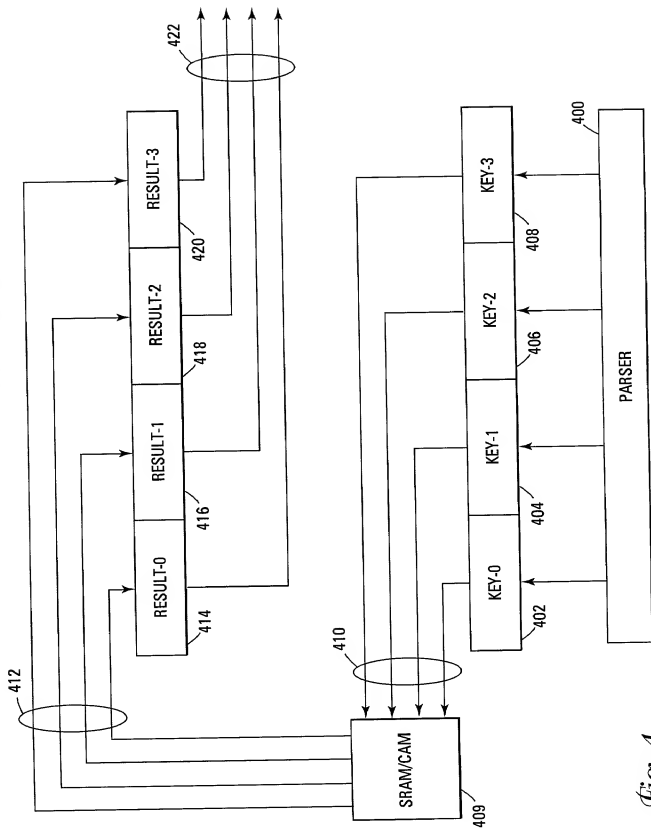


Fig. 4

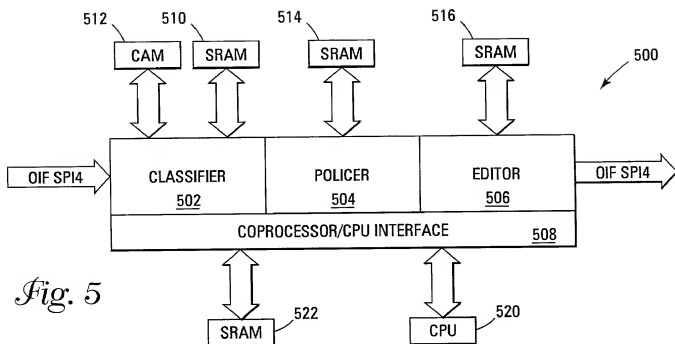


Fig. 5

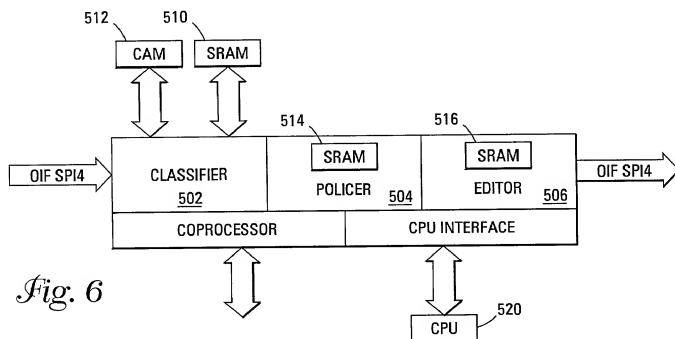


Fig. 6

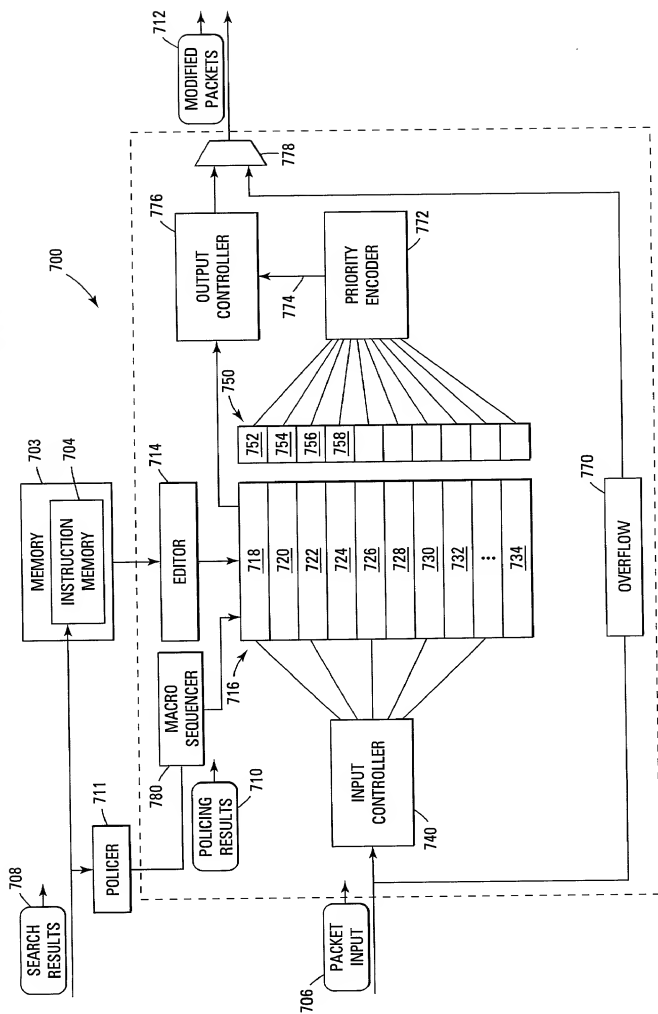


Fig. 7

800 →

802 →

| Editor Instruction | Description |
|-------------------------------------|--|
| No-Op | No operation is performed |
| Write1 | General purpose single word write |
| Write2 | General purpose double word write |
| Delete1 | General purpose single word delete |
| Delete2 | General purpose double word delete |
| Read-Modify-Write with Mask | Single word modify; mask provided with data |
| Read-Modify-Write with Default Mask | Mask provided from one of a plurality of default masks |
| Swap | Swap the current top MPLS label |
| Swap/Push1 | Swap the current top MPLS label and push one other to the top |
| Push1 | Push one MPLS label to the top of the MPLS stack |
| Swap/Push2 | Swap the current top MPLS label and push two others to the top |
| Push2 | Push two MPLS labels to the top of the MPLS stack |
| Pop1/Swap | Pop the current top MPLS label and swap the next |
| Pop1 | Pop the current top MPLS label |
| Pop2 | Pop the two current top MPLS labels |
| PopAll | Pop all MPLS labels from stack |

Fig. 8

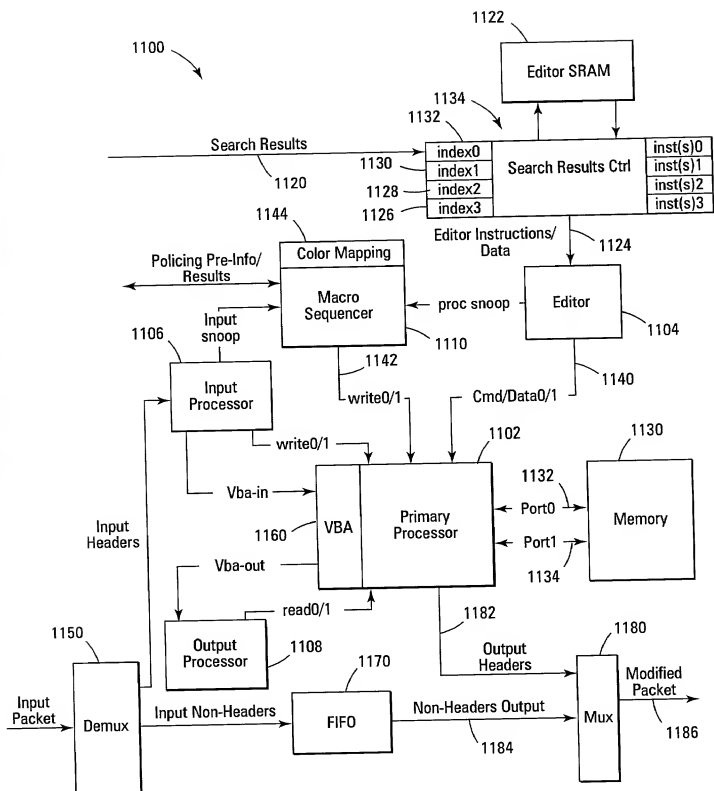


Fig. 11



Fig. 12

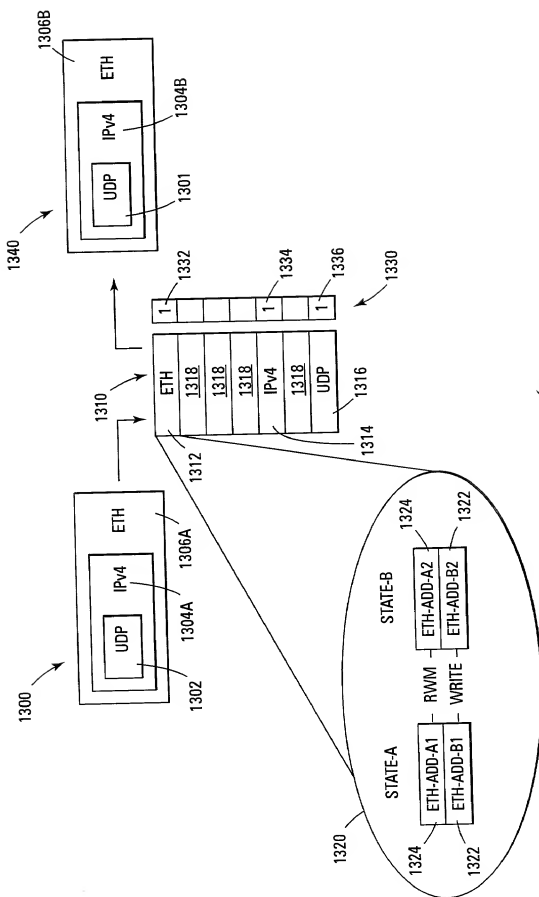


Fig. 13

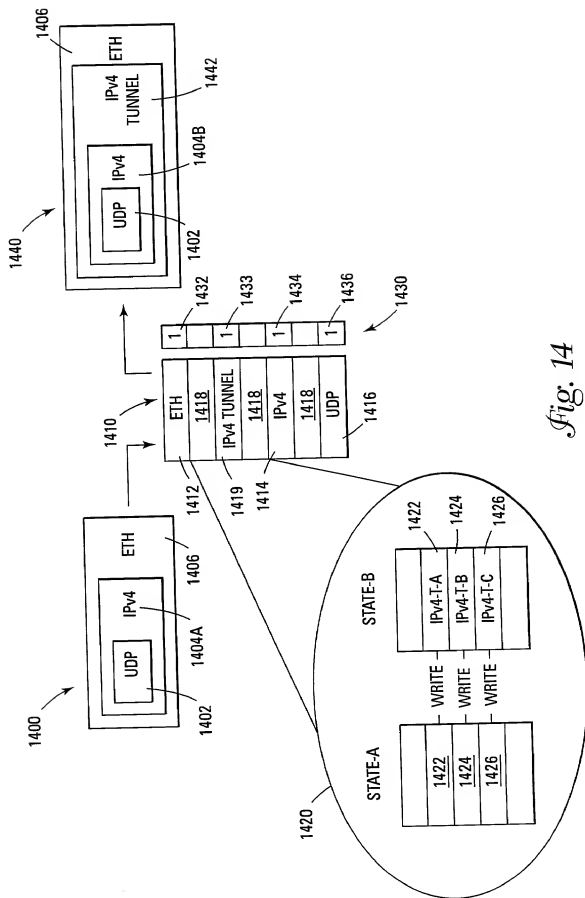


Fig. 14

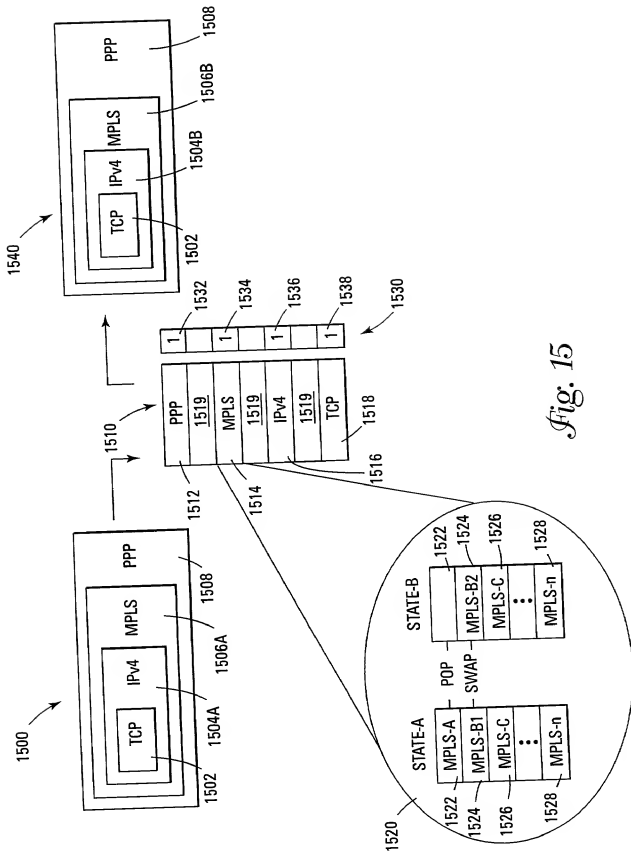


Fig. 15

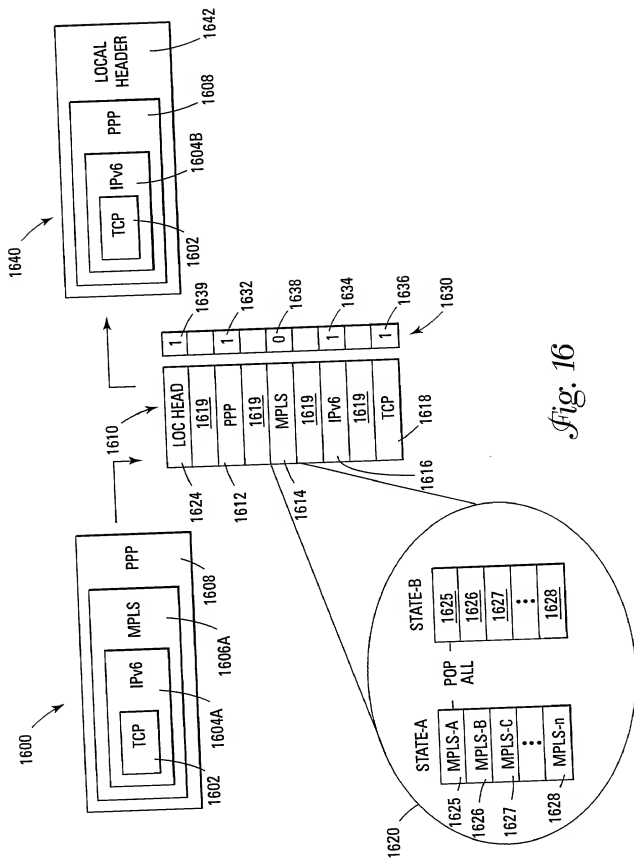
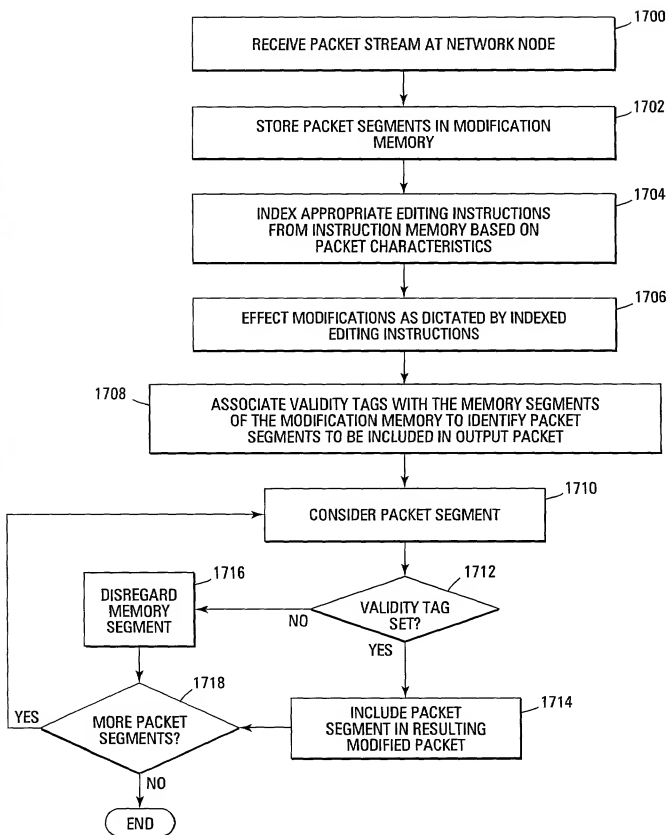


Fig. 16

*Fig. 17*